



जिला स्तर कृषि मौसम सलाहकार सेवा पत्रिका
District Level Agro-met Advisory Bulletin
Arunachal Pradesh



(Period: 29th December, 2018 to 2nd January 2019)

No: AMFU-Basar/2018/103

Dated: Friday, 28th December, 2018



Gramin Krishi Mausam Sewa
 ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

ADVISORY FOR DISTRICT: ANJAW

{Hawai: Latitude: 28.2179994/ Longitude: 94.7277528/Altitude: 1296 m amsl}

Weather summary of the previous week	Weather forecast valid up to 2 nd January 2019
No weather summary available	Mostly cloudy with possibility of light rain up to 30th Dec and clear/dry weather afterwards. Daily maximum and minimum temperature for the following period is predicted to be 22.0-26.0°C and 8.0-11.0°C respectively. Expected morning and evening relative humidity will be 65-74% and 20-37% respectively. Wind direction is mainly ESE & SE with average wind speed range of 8.0-9.5 kmph.
Warning:	❖

GENERAL RECOMMENDATIONS

- ❖ Monitor for possible attack of insects/pests
- ❖ Application of fertilizers/manure can be done during clear/dry days
- ❖ Proper drainage to all crop to avoid runoff
- ❖ Check of vaccination schedule in poultry/livestock

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Kharif Rice (Normal transplanted)	Physiological maturity/harvesting		<ul style="list-style-type: none"> ❖ Harvesting of mature crop. ❖ Properly sundry the harvested crop before storage ❖ Drain excess water in the field 7-10 days before harvesting to hasten maturity & improve harvesting condition. This would also enable early & easy preparation of field for next crop(Rabi),
Mustard	Flowering/ Pod formation	White rust/ Downy mildew	❖ Need-based foliar spray of Metalaxyl+Dithane M-45 @ 2.5g/lit at 15 days interval
Pea	Vegetative	Cutworm	<ul style="list-style-type: none"> ❖ Regular monitoring of crop against attack of cutworm is advised, ❖ Drenching with Chlorpyrifos @ 2 ml per litre of water,
VEGETABLES			
Cabbage/ Cauliflower/ Knolkhol/	Vegetative / Harvesting	Leaf eating insects	<ul style="list-style-type: none"> ❖ Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects ❖ Maintain adequate moisture level in the crop by light irrigation or mulching, ❖ Regular monitoring of crop against attack of insect pests,
Potato	Vegetative	Red Ants/ Late blight	<ul style="list-style-type: none"> ❖ Ridge should be properly made, ❖ Red Ants: - Drenching with Chlorpyrifos @ 2 ml per litre of water, ❖ Foliar spray of Dithane M-45@2.5g/litre of water for management of potato late blight.
HORTICULTURAL CROPS			
Peach/kiwi/apple / pears	Vegetative (harvesting over)		<ul style="list-style-type: none"> ❖ Training & pruning of diseased/criss-cross branches to harvest more solar energy & for proper growth. ❖ Maintain proper framework of the plant & remove the unnecessary branches & diseased plant parts.
Citrus	Maturity/ Harvesting		<ul style="list-style-type: none"> ❖ Collect dropped fruits & dispose by putting in airtight bags or bury deep in ground ❖ Pruning or dry twigs & branches of after harvesting.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> ❖ Provide preventive dose of anti-coccidial drugs to poultry ❖ Provide adequate dry bedding materials ❖ Remove wet litter ❖ Provide water+electrolyte.
Pigs	New born	Cold	<ul style="list-style-type: none"> ❖ Pig shed/stay should keep dry and avoid dampness, ❖ Vaccinate against swine fever, ❖ Avoid of eating human excreta, ❖ Avoid stagnant water near the shed,
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			



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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

ADVISORY FOR DISTRICT: CHANGLANG

{Changlang (HQ): Latitude: 27.1305856/Longitude: 95.7342373/Altitude: 580 masl}

Weather summery of the previous week	Weather forecast valid up to 2 nd January 2019
Rainfall = Changlang: 0.0 mm Miao: 0.0 mm (up to 24 th Dec)	Generally clear/dry weather forecasted with possibility of very light rain on 29 th & 30 th Dec. Daily maximum and minimum temperature for the following period is predicted to be 24.0-26.0°C and 09.0-11.0°C respectively. Expected morning and evening relative humidity will be 67-79% and 18-33% respectively. Wind direction is mainly SE & SSE with average wind speed range of 4.5-5.0 kmph.

Warning:

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GENERAL RECOMMENDATIONS

- Monitor for possible attack of insects/pests
- Application of fertilizers/manure can be done during clear/dry days
- Proper drainage to all crop to avoid runoff
- Check of vaccination schedule in poultry/livestock

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Mustard	Flowering	Aphid Painted bug	❖ Spraying of Dimethoate @ 2 ml per litre of water ❖ Collect and dispose off the heavily infested twigs, ❖ For painted bug dusting with wood ash is advised,
Rice	Harvesting		❖ Harvesting of mature crop ❖ Proper sundry before storage
VEGETABLES			
Cole crops (Cabbage, cauliflower, broccoli, knolkhol, etc.)	Vegetative	Cabbage butterfly larva	❖ Take adequate soil moisture conservation like mulching with crop residue etc and provide life saving irrigation to the crops. ❖ Weeding may be done, ❖ Need based spray Azadirachtin 0.15 EC@ 6ml/litre during clear weather
Potato	Vegetative		❖ Apply Neem-based granular insecticides in soil against soil inhabiting insect pests/ants
HORTICULTURAL CROPS			
Banana	Bunching	Cold	❖ Cover newly emerged bunches with locally available sack to protect from cold/frost ❖ Timely/regular removal of extra suckers, dry leaves & pseudostem.
Citrus/ Oranges	Maturity/ Harvesting	Trunk borer/ Blue & green mould	❖ Remove all water sprouts at base of plants. ❖ Only if harvesting is over, go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer. ❖ Against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	New born	Cold	❖ Pig shed/stay should keep dry and avoid dampness, ❖ Vaccinate against swine fever, ❖ Avoid of eating human excreta, ❖ Provide ad libitum water, ❖ Avoid stagnant water near the shed,
Fishery	All stages		❖ Check acidity of water at 15 days interval to know the quality of water in the culture tank.
Poultry	All stages		❖ Vaccination of birds as per the recommended age, ❖ Avoid dampness, litter should be periodically changed. ❖ Provide clean and fresh water daily. ❖ Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.
Sheep/Goat	All stages		❖ Vaccination & deworming at regular interval. ❖ Vaccinate with PPR as per proper consultation,
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			



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ADVISORY FOR DISTRICT: UPPER DIBANG VALLEY

{Anini: Latitude: 28.2179994/Longitude: 94.7277528/Altitude: 1968 masl}

Weather summery of the previous week	Weather forecast valid up to 2 nd January 2019
Rainfall = 0.0 mm (up to 24 th Dec)	Mostly cloudy with possibility of light rain up to 30th Dec and clear/dry weather afterwards. Daily maximum and minimum temperature for the following period is predicted to be 22.0-26.0°C and 10.0-13.0°C respectively. Expected morning and evening relative humidity will be 56-83% and 30-44% respectively. Wind direction is mainly E & ESE with average wind speed range of 8.4-10.1 kmph.
Warning:	•

GENERAL RECOMMENDATIONS

- Monitor for possible attack of insects/pests
- Application of fertilizers/manure can be done during clear/dry days
- Proper drainage to all crop to avoid runoff
- Check of vaccination schedule in poultry/livestock

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Kharif Rice (Normal transplanted)	Physiological maturity/harvesting		<ul style="list-style-type: none">❖ Harvesting of mature crop.❖ Properly sundry the harvested crop before storage❖ Drain excess water in the field 7-10 days before harvesting to hasten maturity & improve harvesting condition. This would also enable early & easy preparation of field for next crop(Rabi),
Pea	Vegetative	Cutworm	<ul style="list-style-type: none">❖ Regular monitoring of crop against attack of cutworm is advised,❖ Drenching with Chlorpyriphos @ 2 ml per litre of water,
VEGETABLES			
Cabbage/Cauliflower/Knolkhol/	Vegetative / Harvesting	Leaf eating insects	<ul style="list-style-type: none">❖ Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects❖ Maintain adequate moisture level in the crop by light irrigation or mulching,❖ Regular monitoring of crop against attack of insect pests,
Potato	Vegetative	Red Ants/ Late blight	<ul style="list-style-type: none">❖ Ridge should be properly made,❖ Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water,❖ Foliar spray of Dithane M-45@2.5g/litre of water for management of potato late blight.
HORTICULTURAL CROPS			
Peach/kiwi/apple / pears	Vegetative (harvesting over)		<ul style="list-style-type: none">❖ Training & pruning of diseased/criss-cross branches to harvest more solar energy & for proper growth.❖ Maintain proper framework of the plant & remove the unnecessary branches & diseased plant parts.
Citrus	Maturity/ Harvesting		<ul style="list-style-type: none">❖ Collect dropped fruits & dispose by putting in airtight bags or burry deep in ground❖ Pruning or dry twigs & branches of after harvesting.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">❖ Provide preventive dose of anti-coccidial drugs to poultry❖ Provide adequate dry bedding materials❖ Remove wet litter❖ Provide water+electrolyte.
Pigs	New born	Cold	<ul style="list-style-type: none">❖ Pig shed/stay should keep dry and avoid dampness,❖ Vaccinate against swine fever,❖ Avoid of eating human excreta,❖ Avoid stagnant water near the shed,
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			



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ADVISORY FOR DISTRICT: EAST KAMENG

Weather summery of the previous week	Weather forecast valid up to 2 nd January 2019
Rainfall = 0.0 mm (up to 24 th Dec)	Mostly cloudy with possibility of moderate rain on 29th Dec and clear/dry weather afterwards. Daily maximum and minimum temperature for the following period is predicted to be 24.0-26.0°C and 08.0-10.0°C respectively. Expected morning and evening relative humidity will be 62-77% and 20-38% respectively. Wind direction is mainly SSW & SW with average wind speed range of 7.1-7.5 kmph.
Warning:	•

GENERAL RECOMMENDATIONS

- Monitor for possible attack of insects/pests
- Application of fertilizers/manure can be done during clear/dry days
- Proper drainage to all crop to avoid runoff
- Check of vaccination schedule in poultry/livestock

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Mustard	Flowering	Aphid Painted bug	❖ Spraying of Dimethoate @ 2 ml per litre of water ❖ Collect and dispose off the heavily infested twigs, ❖ For painted bug dusting with wood ash is advised,
Rice	Harvesting		❖ Harvesting of mature crop ❖ Proper sundry before storage
VEGETABLES			
Cole crops (Cabbage, cauliflower, broccoli, knolkhol, etc.)	Vegetative	Cabbage butterfly larva	❖ Take adequate soil moisture conservation like mulching with crop residue etc and provide life saving irrigation to the crops. ❖ Weeding may be done, ❖ Need based spray Azadirachtin 0.15 EC@ 6ml/litre during clear weather
Potato	Vegetative		❖ Apply Neem-based granular insecticides in soil against soil inhabiting insect pests/ants
HORTICULTURAL CROPS			
Banana	Bunching	Cold	❖ Cover newly emerged bunches with locally available sack to protect from cold/frost ❖ Timely/regular removal of extra suckers, dry leaves & pseudostem.
Citrus/ Oranges	Maturity/ Harvesting	Trunk borer/ Blue & green mould	❖ Remove all water sprouts at base of plants. ❖ Only if harvesting is over, go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer. ❖ Against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	New born	Cold	❖ Pig shed/stay should keep dry and avoid dampness, ❖ Vaccinate against swine fever, ❖ Avoid of eating human excreta, ❖ Provide ad libitum water, ❖ Avoid stagnant water near the shed,
Fishery	All stages		❖ Check acidity of water at 15 days interval to know the quality of water in the culture tank.
Poultry	All stages		❖ Vaccination of birds as per the recommended age, ❖ Avoid dampness, litter should be periodically changed. ❖ Provide clean and fresh water daily. ❖ Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.
Sheep/Goat	All stages		❖ Vaccination & deworming at regular interval. ❖ Vaccinate with PPR as per proper consultation,
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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

ADVISORY FOR DISTRICT: EAST SIANG

{Pasighat: Latitude: 28.0700/Longitude: 95.3300/Altitude: 153 masl}

Weather summary of the previous week	Weather forecast valid up to 2 nd January 2019
Rainfall: 0.0 mm; T. Max: 26.0°C; T. Min: 14.0°C ; RH: 61-84% (up to 24 th Dec)	Mostly sunny with possibility of light/moderate rain up to 30 th Dec and clear/dry weather afterwards.. Daily maximum and minimum temperature for the following period is predicted to be 24.0-25.0°C and 09.0-12.0°C respectively. Expected morning and evening relative humidity will be 52-79% and 23-38% respectively. Wind direction is mainly W & WNW with average wind speed range of 5.8-6.2 kmph.
Warning:	•

GENERAL RECOMMENDATIONS

- Monitor for possible attack of insects/pests
- Application of fertilizers/manure can be done during clear/dry days
- Proper drainage to all crop to avoid runoff
- Check of vaccination schedule in poultry/livestock

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Mustard	Flowering	Aphid Painted bug	❖ Spraying of Dimethoate @ 2 ml per litre of water ❖ Collect and dispose off the heavily infested twigs, ❖ For painted bug dusting with wood ash is advised,
Rice	Harvesting		❖ Harvesting of mature crop ❖ Proper sundry before storage
VEGETABLES			
Cole crops (Cabbage, cauliflower, broccoli, knolkhol, etc.)	Vegetative	Cabbage butterfly larva	❖ Take adequate soil moisture conservation like mulching with crop residue etc and provide life saving irrigation to the crops. ❖ Weeding may be done, ❖ Need based spray Azadirachtin 0.15 EC@ 6ml/litre during clear weather
Potato	Vegetative		❖ Apply Neem-based granular insecticides in soil against soil inhabiting insect pests/ants
HORTICULTURAL CROPS			
Banana	Bunching	Cold	❖ Cover newly emerged bunches with locally available sack to protect from cold/frost ❖ Timely/regular removal of extra suckers, dry leaves & pseudostem.
Citrus/ Oranges	Maturity/ Harvesting	Trunk borer/ Blue & green mould	❖ Remove all water sprouts at base of plants. ❖ Only if harvesting is over, go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer. ❖ Against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	New born	Cold	❖ Pig shed/stay should keep dry and avoid dampness, ❖ Vaccinate against swine fever, ❖ Avoid of eating human excreta, ❖ Provide ad libitum water, ❖ Avoid stagnant water near the shed,
Fishery	All stages		❖ Check acidity of water at 15 days interval to know the quality of water in the culture tank.
Poultry	All stages		❖ Vaccination of birds as per the recommended age, ❖ Avoid dampness, litter should be periodically changed. ❖ Provide clean and fresh water daily. ❖ Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.
Sheep/Goat	All stages		❖ Vaccination & deworming at regular interval. ❖ Vaccinate with PPR as per proper consultation,
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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

ADVISORY FOR DISTRICT: KURUNG KUMEY

{Koloriang: Latitude: 27.9167°/Longitude: 93.3500°/Altitude: 1040 masl}

Weather summery of the previous week	Weather forecast valid up to 2 nd January 2019
Rainfall (Koloriang): 0.0 mm (up to 24 th Dec)	Partly cloudy with possibility of light rain on 29th Dec and clear/dry weather afterwards.. Daily maximum and minimum temperature for the following period is predicted to be 24.0-27.0°C and 10.0-11.0°C respectively. Expected morning and evening relative humidity will be 42-84% and 18-42% respectively. Wind direction is mainly NW & WNW with average wind speed range of 7.5-9.9 kmph.
Warning:	•

GENERAL RECOMMENDATIONS

- Monitor for possible attack of insects/pests
- Application of fertilizers/manure can be done during clear/dry days
- Proper drainage to all crop to avoid runoff
- Check of vaccination schedule in poultry/livestock

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Kharif Rice (Normal transplanted)	Physiological maturity/harvesting		<ul style="list-style-type: none">❖ Harvesting of mature crop.❖ Properly sundry the harvested crop before storage❖ Drain excess water in the field 7-10 days before harvesting to hasten maturity & improve harvesting condition. This would also enable early & easy preparation of field for next crop(Rabi),
Mustard	Flowering/ Pod formation	White rust/ Downy mildew	<ul style="list-style-type: none">❖ Need-based foliar spray of Metalaxyl+Dithane M-45 @ 2.5g/lit at 15 days interval
Pea	Vegetative	Cutworm	<ul style="list-style-type: none">❖ Regular monitoring of crop against attack of cutworm is advised,❖ Drenching with Chlorpyriphos @ 2 ml per litre of water,
VEGETABLES			
Cabbage/ Cauliflower/ Knolkhol/	Vegetative / Harvesting	Leaf eating insects	<ul style="list-style-type: none">❖ Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects❖ Maintain adequate moisture level in the crop by light irrigation or mulching,❖ Regular monitoring of crop against attack of insect pests,
Potato	Vegetative	Red Ants/ Late blight	<ul style="list-style-type: none">❖ Ridge should be properly made,❖ Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water,❖ Foliar spray of Dithane M-45@2.5g/litre of water for management of potato late blight.
HORTICULTURAL CROPS			
Peach/kiwi/apple / pears	Vegetative (harvesting over)		<ul style="list-style-type: none">❖ Training & pruning of diseased/criss-cross branches to harvest more solar energy & for proper growth.❖ Maintain proper framework of the plant & remove the unnecessary branches & diseased plant parts.
Citrus	Maturity/ Harvesting		<ul style="list-style-type: none">❖ Collect dropped fruits & dispose by putting in airtight bags or burry deep in ground❖ Pruning or dry twigs & branches of after harvesting.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">❖ Provide preventive dose of anti-coccidial drugs to poultry❖ Provide adequate dry bedding materials❖ Remove wet litter❖ Provide water+electrolyte.
Pigs	New born	Cold	<ul style="list-style-type: none">❖ Pig shed/stay should keep dry and avoid dampness,❖ Vaccinate against swine fever,❖ Avoid of eating human excreta,❖ Avoid stagnant water near the shed,
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			



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 ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

ADVISORY FOR DISTRICT: LOHIT

Weather summery of the previous week	Weather forecast valid up to 2 nd January 2019
Rainfall: 0.0 mm (Tezu) (up to 24 th Dec)	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 24.0-26.0°C and 09.0-12.0°C respectively. Expected morning and evening relative humidity will be 51-63% and 17-26% respectively. Wind direction is mainly ENE average wind speed range of 6.4-7.8 kmph.
Warning	•

GENERAL RECOMMENDATIONS			
<ul style="list-style-type: none"> Monitor for possible attack of insects/pests Application of fertilizers/manure can be done during clear/dry days Proper drainage to all crop to avoid runoff Check of vaccination schedule in poultry/livestock 			
DETAILS OF ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Mustard	Flowering	Aphid Painted bug	<ul style="list-style-type: none"> Spraying of Dimethoate @ 2 ml per litre of water Collect and dispose off the heavily infested twigs, For painted bug dusting with wood ash is advised,
Rice	Harvesting		<ul style="list-style-type: none"> Harvesting of mature crop Proper sundry before storage
VEGETABLES			
Cole crops (Cabbage, cauliflower, broccoli, knolkhol, etc.)	Vegetative	Cabbage butterfly larva	<ul style="list-style-type: none"> Take adequate soil moisture conservation like mulching with crop residue etc and provide life saving irrigation to the crops. Weeding may be done, Need based spray Azadirachtin 0.15 EC@ 6ml/litre during clear weather
Potato	Vegetative		<ul style="list-style-type: none"> Apply Neem-based granular insecticides in soil against soil inhabiting insect pests/ants
HORTICULTURAL CROPS			
Banana	Bunching	Cold	<ul style="list-style-type: none"> Cover newly emerged bunches with locally available sack to protect from cold/frost Timely/regular removal of extra suckers, dry leaves & pseudostem.
Citrus/ Oranges	Maturity/ Harvesting	Trunk borer/ Blue & green mould	<ul style="list-style-type: none"> Remove all water sprouts at base of plants. Only if harvesting is over, go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer. Against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	New born	Cold	<ul style="list-style-type: none"> Pig shed/stay should keep dry and avoid dampness, Vaccinate against swine fever, Avoid of eating human excreta, Provide ad libitum water, Avoid stagnant water near the shed,
Fishery	All stages		<ul style="list-style-type: none"> Check acidity of water at 15 days interval to know the quality of water in the culture tank.
Poultry	All stages		<ul style="list-style-type: none"> Vaccination of birds as per the recommended age, Avoid dampness, litter should be periodically changed. Provide clean and fresh water daily. Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.
Sheep/Goat	All stages		<ul style="list-style-type: none"> Vaccination & deworming at regular interval. Vaccinate with PPR as per proper consultation,
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			



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ADVISORY FOR DISTRICT: LOWER DIBANG VALLEY

Weather summery of the previous week	Weather forecast valid up to 2 nd January 2019
Rainfall (Roing): 0.0 mm (up to 24 th Dec)	Mostly cloudy with possibility of light/moderate rain up to 30th Dec and clear/dry weather afterwards.. Daily maximum and minimum temperature for the following period is predicted to be 20.0-21.0°C and 09.0-10.0°C respectively. Expected morning and evening relative humidity will be 62-68% and 23-38% respectively. Wind direction is mainly SE with average wind speed range of 7.7-8.2 kmph.
Warning:	•

GENERAL RECOMMENDATIONS

- Monitor for possible attack of insects/pests
- Application of fertilizers/manure can be done during clear/dry days
- Proper drainage to all crop to avoid runoff
- Check of vaccination schedule in poultry/livestock

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Mustard	Flowering	Aphid Painted bug	❖ Spraying of Dimethoate @ 2 ml per litre of water ❖ Collect and dispose off the heavily infested twigs, ❖ For painted bug dusting with wood ash is advised,
Rice	Harvesting		❖ Harvesting of mature crop ❖ Proper sundry before storage
VEGETABLES			
Cole crops (Cabbage, cauliflower, broccoli, knolkhol, etc.)	Vegetative	Cabbage butterfly larva	❖ Take adequate soil moisture conservation like mulching with crop residue etc and provide life saving irrigation to the crops. ❖ Weeding may be done, ❖ Need based spray Azadirachtin 0.15 EC@ 6ml/litre during clear weather
Potato	Vegetative		❖ Apply Neem-based granular insecticides in soil against soil inhabiting insect pests/ants
HORTICULTURAL CROPS			
Banana	Bunching	Cold	❖ Cover newly emerged bunches with locally available sack to protect from cold/frost ❖ Timely/regular removal of extra suckers, dry leaves & pseudostem.
Citrus/ Oranges	Maturity/ Harvesting	Trunk borer/ Blue & green mould	❖ Remove all water sprouts at base of plants. ❖ Only if harvesting is over, go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer. ❖ Against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	New born	Cold	❖ Pig shed/stay should keep dry and avoid dampness, ❖ Vaccinate against swine fever, ❖ Avoid of eating human excreta, ❖ Provide ad libitum water, ❖ Avoid stagnant water near the shed,
Fishery	All stages		❖ Check acidity of water at 15 days interval to know the quality of water in the culture tank.
Poultry	All stages		❖ Vaccination of birds as per the recommended age, ❖ Avoid dampness, litter should be periodically changed. ❖ Provide clean and fresh water daily. ❖ Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.
Sheep/Goat	All stages		❖ Vaccination & deworming at regular interval. ❖ Vaccinate with PPR as per proper consultation,
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			



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Gramin Krishi Mausam Sewa

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

ADVISORY FOR DISTRICT: LOWER SUBANSIRI

Weather summery of the previous week	Weather forecast valid up to 2 nd January 2019
NA	Partly cloudy with possibility of light rain on 29 th Dec and clear/dry weather afterwards.. Daily maximum and minimum temperature for the following period is predicted to be 23.0-24.0°C and 07.0-10.0°C respectively. Expected morning and evening relative humidity will be 52-89% and 21-42% respectively. Wind direction is mainly NW & WNW with average wind speed range of 6.6-7.5 kmph.
Warning:	•

GENERAL RECOMMENDATIONS

- Monitor for possible attack of insects/pests
- Application of fertilizers/manure can be done during clear/dry days
- Proper drainage to all crop to avoid runoff
- Check of vaccination schedule in poultry/livestock

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Kharif Rice (Normal transplanted)	Physiological maturity/ harvesting		❖ Harvesting of mature crop. ❖ Properly sundry the harvested crop before storage ❖ Drain excess water in the field 7-10 days before harvesting to hasten maturity & improve harvesting condition. This would also enable early & easy preparation of field for next crop(Rabi),
Mustard	Flowering/ Pod formation	White rust/ Downy mildew	❖ Need-based foliar spray of Metalaxyl+Dithane M-45 @ 2.5g/lit at 15 days interval
Pea	Vegetative	Cutworm	❖ Regular monitoring of crop against attack of cutworm is advised, ❖ Drenching with Chlorpyriphos @ 2 ml per litre of water,
VEGETABLES			
Cabbage/ Cauliflower/ Knolkhol/	Vegetative / Harvesting	Leaf eating insects	❖ Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects ❖ Maintain adequate moisture level in the crop by light irrigation or mulching, ❖ Regular monitoring of crop against attack of insect pests,
Potato	Vegetative	Red Ants/ Late blight	❖ Ridge should be properly made, ❖ Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water, ❖ Foliar spray of Dithane M-45@2.5g/litre of water for management of potato late blight.
HORTICULTURAL CROPS			
Peach/kiwi/apple / pears	Vegetative (harvesting over)		❖ Training & pruning of diseased/criss-cross branches to harvest more solar energy & for proper growth. ❖ Maintain proper framework of the plant & remove the unnecessary branches & diseased plant parts.
Banana	Fruiting/ harvesting		❖ Mulching with straw/crop residue at root zone to avoid frost injury in banana.
Citrus	Maturity/ Harvesting		❖ Collect dropped fruits & dispose by putting in airtight bags or burry deep in ground ❖ Pruning or dry twigs & branches of after harvesting.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		❖ Provide preventive dose of anti-coccidial drugs to poultry ❖ Provide adequate dry bedding materials ❖ Remove wet litter ❖ Provide water+electrolyte.
Pigs	New born	Cold	❖ Pig shed/stay should keep dry and avoid dampness, ❖ Vaccinate against swine fever, ❖ Avoid of eating human excreta, ❖ Avoid stagnant water near the shed,



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 ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

ADVISORY FOR DISTRICT: PAPUM PARE

Weather summary of the previous week	Weather forecast valid up to 2 nd January 2019
Rainfall: 29.0 mm; T. Max: 29.0°C; T. Min: 12.0°C ; RH: 55-85% (up to 24 th Dec)	Mostly sunny with possibility of moderate rain on 29th Dec and clear/dry weather afterwards.. Daily maximum and minimum temperature for the following period is predicted to be 25.0-26.0°C and 10.0-11.0°C respectively. Expected morning and evening relative humidity will be 56-80% and 28-46% respectively. Wind direction is mainly SSW with average wind speed range of 5.6-6.3 kmph.
Warning:	•

GENERAL RECOMMENDATIONS

- Monitor for possible attack of insects/pests
- Application of fertilizers/manure can be done during clear/dry days
- Proper drainage to all crop to avoid runoff
- Check of vaccination schedule in poultry/livestock

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Mustard	Flowering	Aphid Painted bug	❖ Spraying of Dimethoate @ 2 ml per litre of water ❖ Collect and dispose off the heavily infested twigs, ❖ For painted bug dusting with wood ash is advised,
Rice	Harvesting		❖ Harvesting of mature crop ❖ Proper sundry before storage
VEGETABLES			
Cole crops (Cabbage, cauliflower, broccoli, knolkhol, etc.)	Vegetative	Cabbage butterfly larva	❖ Take adequate soil moisture conservation like mulching with crop residue etc and provide life saving irrigation to the crops. ❖ Weeding may be done, ❖ Need based spray Azadirachtin 0.15 EC@ 6ml/litre during clear weather
Potato	Vegetative		❖ Apply Neem-based granular insecticides in soil against soil inhabiting insect pests/ants
HORTICULTURAL CROPS			
Banana	Bunching	Cold	❖ Cover newly emerged bunches with locally available sack to protect from cold/frost ❖ Timely/regular removal of extra suckers, dry leaves & pseudostem.
Citrus/ Oranges	Maturity/ Harvesting	Trunk borer/ Blue & green mould	❖ Remove all water sprouts at base of plants. ❖ Only if harvesting is over, go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer. ❖ Against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	New born	Cold	❖ Pig shed/stay should keep dry and avoid dampness, ❖ Vaccinate against swine fever, ❖ Avoid of eating human excreta, ❖ Provide ad libitum water, ❖ Avoid stagnant water near the shed,
Fishery	All stages		❖ Check acidity of water at 15 days interval to know the quality of water in the culture tank.
Poultry	All stages		❖ Vaccination of birds as per the recommended age, ❖ Avoid dampness, litter should be periodically changed. ❖ Provide clean and fresh water daily. ❖ Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.
Sheep/Goat	All stages		❖ Vaccination & deworming at regular interval. ❖ Vaccinate with PPR as per proper consultation,
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			



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ADVISORY FOR DISTRICT: TAWANG

Weather summery of the previous week	Weather forecast valid up to 2 nd January 2019
Rainfall: 66.0 mm (up to 24 th Dec)	Partly cloudy with possibility of light rain on 29 th Dec and clear/dry weather afterwards.. Daily maximum and minimum temperature for the following period is predicted to be 11.0-13.0°C and -5.0-(-)4.0°C respectively. Expected morning and evening relative humidity will be 59-68% and 21-39% respectively. Wind direction is mainly E with average wind speed range of 9.4-15.8 kmph.
Warning:	•

GENERAL RECOMMENDATIONS			
<ul style="list-style-type: none">• Monitor for possible attack of insects/pests• Application of fertilizers/manure can be done during clear/dry days• Proper drainage to all crop to avoid runoff• Check of vaccination schedule in poultry/livestock			
DETAILS OF ADVISORIES FOR THE PERIOD			
FIELD CROPS			
Kharif Rice (Normal transplanted)	Physiological maturity/ harvesting		<ul style="list-style-type: none">❖ Harvesting of mature crop.❖ Properly sundry the harvested crop before storage❖ Drain excess water in the field 7-10 days before harvesting to hasten maturity & improve harvesting condition. This would also enable early & easy preparation of field for next crop(Rabi),
Mustard	Flowering/ Pod formation	White rust/ Downy mildew	<ul style="list-style-type: none">❖ Need-based foliar spray of Metalaxyl+Dithane M-45 @ 2.5g/lit at 15 days interval
VEGETABLES			
Cabbage/ Cauliflower/ Knolkhol/	Vegetative / Harvesting	Leaf eating insects	<ul style="list-style-type: none">❖ Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects❖ Maintain adequate moisture level in the crop by light irrigation or mulching,❖ Regular monitoring of crop against attack of insect pests,
Potato	Vegetative	Red Ants/ Late blight	<ul style="list-style-type: none">❖ Ridge should be properly made,❖ Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water,❖ Foliar spray of Dithane M-45@2.5g/litre of water for management of potato late blight.
HORTICULTURAL CROPS			
Peach/kiwi/apple / pears	Vegetative (harvesting over)		<ul style="list-style-type: none">❖ Training & pruning of diseased/criss-cross branches to harvest more solar energy & for proper growth.❖ Maintain proper framework of the plant & remove the unnecessary branches & diseased plant parts.
Banana	Fruiting/ harvesting		<ul style="list-style-type: none">❖ Mulching with straw/crop residue at root zone to avoid frost injury in banana.
Citrus	Maturity/ Harvesting		<ul style="list-style-type: none">❖ Collect dropped fruits & dispose by putting in airtight bags or burry deep in ground❖ Pruning or dry twigs & branches of after harvesting.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">❖ Provide preventive dose of anti-coccidial drugs to poultry❖ Provide adequate dry bedding materials❖ Remove wet litter❖ Provide water+electrolyte.
Pigs	New born	Cold	<ul style="list-style-type: none">❖ Pig shed/stay should keep dry and avoid dampness,❖ Vaccinate against swine fever,❖ Avoid of eating human excreta,❖ Avoid stagnant water near the shed,
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ADVISORY FOR DISTRICT: TIRAP

Weather summary of the previous week	Weather forecast valid up to 2 nd January 2019
Rainfall: 0.0 mm (up to 24 th Dec)	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 24.0°C and 09.0-10.0°C respectively. Expected morning and evening relative humidity will be 59-79% and 29-42% respectively. Wind direction is mainly ESE with average wind speed range of 4.2-4.6 kmph.
Warning:	•

GENERAL RECOMMENDATIONS			
<ul style="list-style-type: none"> • Avoid all spray operations • Application of fertilizers/manure may be avoided • Proper drainage to all crop to avoid runoff • Check of vaccination schedule in poultry/livestock 			
DETAILS OF ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Mustard	Flowering	Aphid Painted bug	<ul style="list-style-type: none"> ❖ Spraying of Dimethoate @ 2 ml per litre of water ❖ Collect and dispose off the heavily infested twigs, ❖ For painted bug dusting with wood ash is advised,
Rice	Harvesting		<ul style="list-style-type: none"> ❖ Harvesting of mature crop ❖ Proper sundry before storage
VEGETABLES			
Cole crops (Cabbage, cauliflower, broccoli, knolkhol, etc.)	Vegetative	Cabbage butterfly larva	<ul style="list-style-type: none"> ❖ Take adequate soil moisture conservation like mulching with crop residue etc and provide life saving irrigation to the crops. ❖ Weeding may be done, ❖ Need based spray Azadirachtin 0.15 EC@ 6ml/litre during clear weather
Potato	Vegetative		<ul style="list-style-type: none"> ❖ Apply Neem-based granular insecticides in soil against soil inhabiting insect pests/ants
HORTICULTURAL CROPS			
Banana	Bunching	Cold	<ul style="list-style-type: none"> ❖ Cover newly emerged bunches with locally available sack to protect from cold/frost ❖ Timely/regular removal of extra suckers, dry leaves & pseudostem.
Citrus/ Oranges	Maturity/ Harvesting	Trunk borer/ Blue & green mould	<ul style="list-style-type: none"> ❖ Remove all water sprouts at base of plants. ❖ Only if harvesting is over, go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer. ❖ Against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	New born	Cold	<ul style="list-style-type: none"> ❖ Pig shed/stay should keep dry and avoid dampness, ❖ Vaccinate against swine fever, ❖ Avoid of eating human excreta, ❖ Provide ad libitum water, ❖ Avoid stagnant water near the shed,
Fishery	All stages		<ul style="list-style-type: none"> ❖ Check acidity of water at 15 days interval to know the quality of water in the culture tank.
Poultry	All stages		<ul style="list-style-type: none"> ❖ Vaccination of birds as per the recommended age, ❖ Avoid dampness, litter should be periodically changed. ❖ Provide clean and fresh water daily. ❖ Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.
Sheep/Goat	All stages		<ul style="list-style-type: none"> ❖ Vaccination & deworming at regular interval. ❖ Vaccinate with PPR as per proper consultation,
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			



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ADVISORY FOR DISTRICT: UPPER SIANG

Weather summery of the previous week	Weather forecast valid up to 2 nd January 2019
Rainfall: 0.0 mm (up to 24 th Dec)	Mostly cloudy with possibility of light rain up to 30th Dec and clear/dry weather afterwards. Daily maximum and minimum temperature for the following period is predicted to be 23.0-26.0°C and 9.0-11.0°C respectively. Expected morning and evening relative humidity will be 58-80% and 32-47% respectively. Wind direction is mainly SW & WSW with average wind speed range of 7.3-9.6 kmph.
Warning:	

GENERAL RECOMMENDATIONS			
<ul style="list-style-type: none">• Monitor for possible attack of insects/pests• Application of fertilizers/manure can be done during clear/dry days• Proper drainage to all crop to avoid runoff• Check of vaccination schedule in poultry/livestock			
DETAILS OF ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Kharif Rice (Normal transplanted)	Physiological maturity/ harvesting		<ul style="list-style-type: none">❖ Harvesting of mature crop.❖ Properly sundry the harvested crop before storage❖ Drain excess water in the field 7-10 days before harvesting to hasten maturity & improve harvesting condition. This would also enable early & easy preparation of field for next crop(Rabi),
Mustard	Flowering/ Pod formation	White rust/ Downy mildew	<ul style="list-style-type: none">❖ Need-based foliar spray of Metalaxyl+Dithane M-45 @ 2.5g/lit at 15 days interval
Pea	Vegetative	Cutworm	<ul style="list-style-type: none">❖ Regular monitoring of crop against attack of cutworm is advised,❖ Drenching with Chlorpyriphos @ 2 ml per litre of water,
VEGETABLES			
Cabbage/ Cauliflower/ Knolkhol/	Vegetative / Harvesting	Leaf eating insects	<ul style="list-style-type: none">❖ Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects❖ Maintain adequate moisture level in the crop by light irrigation or mulching,❖ Regular monitoring of crop against attack of insect pests,
Potato	Vegetative	Red Ants/ Late blight	<ul style="list-style-type: none">❖ Ridge should be properly made,❖ Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water,❖ Foliar spray of Dithane M-45@2.5g/litre of water for management of potato late blight.
HORTICULTURAL CROPS			
Peach/kiwi/apple / pears	Vegetative (harvesting over)		<ul style="list-style-type: none">❖ Training & pruning of diseased/criss-cross branches to harvest more solar energy & for proper growth.❖ Maintain proper framework of the plant & remove the unnecessary branches & diseased plant parts.
Banana	Fruiting/ harvesting		<ul style="list-style-type: none">❖ Mulching with straw/crop residue at root zone to avoid frost injury in banana.
Citrus	Maturity/ Harvesting		<ul style="list-style-type: none">❖ Collect dropped fruits & dispose by putting in airtight bags or burry deep in ground❖ Pruning or dry twigs & branches of after harvesting.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">❖ Provide preventive dose of anti-coccidial drugs to poultry❖ Provide adequate dry bedding materials❖ Remove wet litter❖ Provide water+electrolyte.
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			



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ADVISORY FOR DISTRICT: UPPER SUBANSIRI

Weather summary of the previous week	Weather forecast valid up to 2 nd January 2019
Daporijo: 0.0 mm (up to 24 th Dec)	Partly cloudy with possibility of light rain on 29 th Dec and clear/dry weather afterwards.. Daily maximum and minimum temperature for the following period is predicted to be 24.0-27.0°C and 10.0-11.0°C respectively. Expected morning and evening relative humidity will be 52-81% and 20-45% respectively. Wind direction is mainly NNW with average wind speed range of 6.6-9.5 kmph.
Warning:	•

GENERAL RECOMMENDATIONS

- Monitor for possible attack of insects/pests
- Application of fertilizers/manure can be done during clear/dry days
- Proper drainage to all crop to avoid runoff
- Check of vaccination schedule in poultry/livestock

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Mustard	Flowering	Aphid Painted bug	❖ Spraying of Dimethoate @ 2 ml per litre of water ❖ Collect and dispose off the heavily infested twigs, ❖ For painted bug dusting with wood ash is advised,
Rice	Harvesting		❖ Harvesting of mature crop ❖ Proper sundry before storage
VEGETABLES			
Cole crops (Cabbage, cauliflower, broccoli, knolkhol, etc.)	Vegetative	Cabbage butterfly larva	❖ Take adequate soil moisture conservation like mulching with crop residue etc and provide life saving irrigation to the crops. ❖ Weeding may be done, ❖ Need based spray Azadirachtin 0.15 EC@ 6ml/litre during clear weather
Potato	Vegetative		❖ Apply Neem-based granular insecticides in soil against soil inhabiting insect pests/ants
HORTICULTURAL CROPS			
Banana	Bunching	Cold	❖ Cover newly emerged bunches with locally available sack to protect from cold/frost ❖ Timely/regular removal of extra suckers, dry leaves & pseudostem.
Citrus/ Oranges	Maturity/ Harvesting	Trunk borer/ Blue & green mould	❖ Remove all water sprouts at base of plants. ❖ Only if harvesting is over, go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer. ❖ Against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	New born	Cold	❖ Pig shed/stay should keep dry and avoid dampness, ❖ Vaccinate against swine fever, ❖ Avoid of eating human excreta, ❖ Provide ad libitum water, ❖ Avoid stagnant water near the shed,
Fishery	All stages		❖ Check acidity of water at 15 days interval to know the quality of water in the culture tank.
Poultry	All stages		❖ Vaccination of birds as per the recommended age, ❖ Avoid dampness, litter should be periodically changed. ❖ Provide clean and fresh water daily. ❖ Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.
Sheep/Goat	All stages		❖ Vaccination & deworming at regular interval. ❖ Vaccinate with PPR as per proper consultation,
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			



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ADVISORY FOR DISTRICT: WEST KAMENG

Weather summery of the previous week	Weather forecast valid up to 2 nd January 2019
Rainfall = Bomdila: NA ; Bhalukpong: 0.0 mm; Kalaktang: 0.0 mm (up to 24 th Dec)	Partly cloudy with possibility of moderate rain on 29th Dec and clear/dry weather afterwards.. Daily maximum and minimum temperature for the following period is predicted to be 22.0-25.0°C and 07.0-11.0°C respectively. Expected morning and evening relative humidity will be 49-84% and 20-41% respectively. Wind direction is mainly NW & NNW wind speed range of 8.2-10.0 kmph.
Warning:	•

GENERAL RECOMMENDATIONS			
<ul style="list-style-type: none">• Monitor for possible attack of insects/pests• Application of fertilizers/manure can be done during clear/dry days• Proper drainage to all crop to avoid runoff• Check of vaccination schedule in poultry/livestock			
DETAILS OF ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Kharif Rice (Normal transplanted)	Physiological maturity/ harvesting		<ul style="list-style-type: none">❖ Harvesting of mature crop.❖ Properly sundry the harvested crop before storage❖ Drain excess water in the field 7-10 days before harvesting to hasten maturity & improve harvesting condition. This would also enable early & easy preparation of field for next crop(Rabi),
Mustard	Flowering/ Pod formation	White rust/ Downy mildew	<ul style="list-style-type: none">❖ Need-based foliar spray of Metalaxyl+Dithane M-45 @ 2.5g/lit at 15 days interval
Pea	Vegetative	Cutworm	<ul style="list-style-type: none">❖ Regular monitoring of crop against attack of cutworm is advised,❖ Drenching with Chlorpyriphos @ 2 ml per litre of water,
VEGETABLES			
Cabbage/ Cauliflower/ Knolkhol/	Vegetative / Harvesting	Leaf eating insects	<ul style="list-style-type: none">❖ Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects❖ Maintain adequate moisture level in the crop by light irrigation or mulching,❖ Regular monitoring of crop against attack of insect pests,
Potato	Vegetative	Red Ants/ Late blight	<ul style="list-style-type: none">❖ Ridge should be properly made,❖ Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water,❖ Foliar spray of Dithane M-45@2.5g/litre of water for management of potato late blight.
HORTICULTURAL CROPS			
Peach/kiwi/apple / pears	Vegetative (harvesting over)		<ul style="list-style-type: none">❖ Training & pruning of diseased/criss-cross branches to harvest more solar energy & for proper growth.❖ Maintain proper framework of the plant & remove the unnecessary branches & diseased plant parts.
Citrus	Maturity/ Harvesting		<ul style="list-style-type: none">❖ Collect dropped fruits & dispose by putting in airtight bags or burry deep in ground❖ Pruning or dry twigs & branches of after harvesting.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">❖ Provide preventive dose of anti-coccidial drugs to poultry❖ Provide adequate dry bedding materials❖ Remove wet litter❖ Provide water+electrolyte.
Pigs	New born	Cold	<ul style="list-style-type: none">❖ Pig shed/stay should keep dry and avoid dampness,❖ Vaccinate against swine fever,❖ Avoid of eating human excreta,❖ Avoid stagnant water near the shed,
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			



जिला स्तर कृषि मौसम सलाहकार सेवा पत्रिका
District Level Agro-met Advisory Bulletin
Arunachal Pradesh



(Period: 29th December, 2018 to 2nd January 2019)

No: AMFU-Basar/2018/103

Dated: Friday, 28th December, 2018



Gramin Krishi Mausam Sewa
ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

ADVISORY FOR DISTRICT: WEST SIANG

{Basar: Latitude: 27°59.53/Longitude: 94.41.269/Altitude: 616 amsl}

Weather summery of the previous week	Weather forecast valid up to 2 nd January 2019
Rainfall: 0.0 mm, Max. T: 20.7°C, Min. T: 7.4°C, Wind Speed: 3-8 km/h, RH: 58-98%, Wind Direction: NNE & ENE	Partly cloudy with possibility of moderate rain on 29 th Dec and clear/dry weather afterwards. Daily maximum and minimum temperature for the following period is predicted to be 24.0-27.0°C and 08.0-10.0°C respectively. Expected morning and evening relative humidity will be 59-83% and 30-49% respectively. Wind direction is mainly NW with average wind speed range of 6.5-8.7 kmph.
Warning:	

GENERAL RECOMMENDATIONS

- Monitor for possible attack of insects/pests
- Application of fertilizers/manure can be done during clear/dry days
- Proper drainage to all crop to avoid runoff
- Check of vaccination schedule in poultry/livestock

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Mustard	Flowering	Aphid Painted bug	❖ Spraying of Dimethoate @ 2 ml per litre of water ❖ Collect and dispose off the heavily infested twigs, ❖ For painted bug dusting with wood ash is advised,
Rice	Harvesting		❖ Harvesting of mature crop ❖ Proper sundry before storage
VEGETABLES			
Cole crops (Cabbage, cauliflower, broccoli, knolkhol, etc.)	Vegetative	Cabbage butterfly larva	❖ Take adequate soil moisture conservation like mulching with crop residue etc and provide life saving irrigation to the crops. ❖ Weeding may be done, ❖ Need based spray Azadirachtin 0.15 EC@ 6ml/litre during clear weather
Potato	Vegetative		❖ Apply Neem-based granular insecticides in soil against soil inhabiting insect pests/ants
HORTICULTURAL CROPS			
Banana	Bunching	Cold	❖ Cover newly emerged bunches with locally available sack to protect from cold/frost ❖ Timely/regular removal of extra suckers, dry leaves & pseudostem.
Citrus/ Oranges	Maturity/ Harvesting	Trunk borer/ Blue & green mould	❖ Remove all water sprouts at base of plants. ❖ Only if harvesting is over, go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer. ❖ Against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	New born	Cold	❖ Pig shed/stay should keep dry and avoid dampness, ❖ Vaccinate against swine fever, ❖ Avoid of eating human excreta, ❖ Provide ad libitum water, ❖ Avoid stagnant water near the shed,
Fishery	All stages		❖ Check acidity of water at 15 days interval to know the quality of water in the culture tank.
Poultry	All stages		❖ Vaccination of birds as per the recommended age, ❖ Avoid dampness, litter should be periodically changed. ❖ Provide clean and fresh water daily. ❖ Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.
Sheep/Goat	All stages		❖ Vaccination & deworming at regular interval. ❖ Vaccinate with PPR as per proper consultation,
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			